

Patent  
PD-201151  
Customer No. 020991

JC978 U.S. PTO  
10/068047  
02/05/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Chen et al.

Serial No.: Filed Herewith

Filed: Filed Herewith

For: DUAL LAYER SIGNAL  
PROCESSING IN A  
LAYERED MODULATION  
DIGITAL SIGNAL SYSTEM

Group Art Unit: To Be Determined

Examiner: To Be Determined

I hereby certify that this paper (or fee) is being  
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Signature

Dana J. Warnquist

Typed or printed name of person signing Certificate

Date: February 5, 2002

#2

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

The references cited on the enclosed form PTO-1449 (copies of references enclosed) may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

It is believed that no fee is due with this submission. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Respectfully submitted,

By:

John A. Crook, Registration No. 30,830  
Attorney for Applicants

Encls: Form PTO-1449 w/refs

HUGHES ELECTRONICS CORPORATION  
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303/712.5044

**PATENT APPLICATION**

Page 1 of 2

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10/068047  
02/05/02

<b>Form PTO-1449</b>	Serial Number Filed Herewith	Docket PD- 201151
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Applicant Chen et al.	
(Use several sheets if necessary)	Filing Date Filed Herewith	Group

**U.S. PATENT DOCUMENTS**

	Document Number	Date	Name	Class	Sub Class
	3,383,598	05/14/1968	Sanders		
	5,577,087	11/19/1996	Furuya		
	5,602,868	02/11/1997	Wilson		
	5,815,531	09/29/1998	Dent		
	5,960,040	09/28/1999	Cai et al.		
	5,987,068	11/16/1999	Cassia et al.		
	6,275,678	08/14/2001	Bethscheider et al.		

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Name	Class	Sub Class
	EP 0 238 822 A2	09/02/1987	NEC Corporation		

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, etc.)

Examiner	Date Considered	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION TRANSMITTAL LETTER FOR  
NONPROVISIONAL PATENT APPLICATION  
Under 37 C.F.R. 1.53(b)

Certification under 37 CFR 1.10 (if applicable)

EL447273060US  
EXPRESS MAIL mailing number

February 5, 2002  
Date of Deposit



I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Dana J. Warnquist  
(Type or printed name of person mailing application)

(Signature of person mailing application)

Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application, including 8 sheets of formal drawings, of inventors:  
**Ernest C. Chen, Tiffany S. Furuya, Philip R. Hilmes, Joseph Santoru**  
for:

The filing fee for this application is calculated below:

	CLAIMS AS FILED			
	NUMBER FILED		NUMBER EXTRA	RATE
For: Basic Fee				\$ 740.00
Total Claims	37	-20 =	17 x	\$ 18.00
Independent Claims	3	- 3 =	0 x	\$ 84.00
Multiple Dependent Claims			+	\$280.00
<b>TOTAL FILING FEE :</b>				<b>\$1,046.00</b>

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$1,046.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

Please associate this application with the Hughes Electronics Corporation Customer Number 020991.

This form is submitted in triplicate.

HUGHES ELECTRONICS CORPORATION

John A. Crook, Registration No.: 30,830  
Attorney for Applicants

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